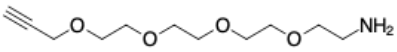
Lumiprobe Corporation
201 International Circle, Suite 135
Hunt Valley, Maryland 21030
USA
Phone: +1 888 973 6353
Fax: +1 888 973 6354
Email: order@lumiprobe.com

Alkyne-PEG4-amine

http://www.lumiprobe.com/p/alkyne-peg4-amine-1013921-36-2

Alkyne-PEG4-amine is a bifunctional oligoethylene glycol linker containing both an amine group for the easy attachment to various electrophilic reagents (NHS esters, epoxides, etc.), and an alkyne group for click chemistry. This allows a smooth conjugation of different biomolecules.

Reasonably long, highly hydrophilic PEG4 linker ensures smooth conjugation and separation of conjugated fragments in aqueous solutions.



Structure of Alkyne-PEG4-amine (CAS#1013921-36-2)

General properties

Appearance:	yellowish oil
Molecular weight:	231.29
CAS number:	1013921-36-2
Molecular formula:	$C_{11}H_{21}NO_4$
IUPAC name:	3,6,9,12-Tetraoxapentadec-14-yn-1-amine
Solubility:	good in polar organic solvents (DMF, DMSO, alcohols, chlorinated organic solvents)
Quality control:	NMR ^{1}H, GC-MS (95%)
Storage conditions:	Storage: 24 months after receival at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.